

§ 62.01-5

systems are provided to replace specific personnel or to reduce overall crew requirements.

§ 62.01-5 Applicability.

(a) *Vessels*. This part applies to self-propelled vessels of 500 gross tons and over that are certificated under subchapters D, I, or U and to self-propelled vessels of 100 gross tons and over that are certificated under subchapter H.

(b) *Systems and equipment*. Except as noted in § 62.01-5(c), this part applies to automation of vital systems or equipment that—

(1) Is automatically controlled or monitored;

(2) Is remotely controlled or monitored; or

(3) Utilizes automation for the purpose of replacing specific personnel or to reduce overall crew requirements.

(c) *Exceptions*. This part does not apply to the following systems and equipment unless they are specifically addressed or unless their failure would degrade the safety and reliability of the systems required by this part:

(1) Automatic auxiliary heating equipment (see part 63 of this subchapter).

(2) Steering systems (see subparts 58.25 and 111.93 of this chapter).

(3) Non-vital and industrial systems.

(4) The communication and alarm systems in part 113 of this chapter.

(d) *Central control rooms*. The requirements of subpart 62.50 only apply to vessels automated to replace specific personnel or to reduce overall crew requirements, except where the main propulsion or ship service electrical generating plants are automatically or remotely controlled from a control room. In this case, § 62.50-20(a)(3) (except the provision in paragraph 62.50-20(a)(3)(ii) relating to electrical power distribution), (b)(3), (c), (e)(1), (e)(2), (e)(4), and (f)(2) apply, regardless of manning.

[CGD 81-030, 53 FR 17838, May 18, 1988, as amended by USCG-2000-7790, 65 FR 58460, Sept. 29, 2000]

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Subpart 62.05—Reference Specifications

§ 62.05-1 Incorporation by reference.

(a) Certain material is incorporated by reference into this part with the approval of the Director of the Federal Register. To enforce any edition other than the one listed in paragraph (b) of this section, notice of the change must be published in the FEDERAL REGISTER and the material made available to the public. All approved material is on file at the Office of the Federal Register, Washington, DC 20408 and at Marine Safety and Environmental Protection (G-MSE), U.S. Coast Guard Headquarters Building, 2100 Second Street SW., Washington, DC 20593-0001.

(b) The material approved for incorporation by reference in this part is:

Rules for Building and Classing Steel Vessels, 1986, issued by the American Bureau of Shipping. This document is available from: American Bureau of Shipping, ABS Plaza, 16855 Northchase Drive, Houston, TX 77060. Sections affected by this incorporation by reference are: 62.25-1(c), 62.25-5(a), 62.25-30(a)(1), (a)(2), (a)(3), (a)(5), 62.35-5(d), 62.35-35(a), 62.35-40(c), 62.35-50, 62.50-30(c), and 62.50-30(k).

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Subpart 62.10—Terms Used

§ 62.10-1 Definitions.

(a) For the purpose of this part:

Alarm means an audible and visual indication of a hazardous or potentially hazardous condition that requires attention.

Automated means the use of automatic or remote control, instrumentation, or alarms.

Automatic control means self-regulating in attaining or carrying out an operator-specified equipment response or sequence.

Boiler low-low water level is the minimum safe level in the boiler, in no case lower than that visible in the gage glass (see § 52.01-110 of this chapter, Water Level Indicators).